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ANNUAL REPORT

ON THE HEALTH OF THE

West Lancashire Rural District

DURING THE YEAR

1942

BY

HERBERT E. MARSDEN, M.B., Ch.B., D.P.H.

*Of Gray's Inn, Barrister-at-Law,  
Justice of the Peace for the County of Lancaster.*

Medical Officer of Health.

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ORMSKIRK :

T. HUTTON, "THE ADVERTISER" OFFICE, CHURCH STREET, ORMSKIRK.



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## HEALTH COMMITTEE.

MR. H. S. MORETON (Chairman).

MR. P. C. BALMER, (Vice-Chairman).

All Members of the Council.

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## STAFF OF PUBLIC HEALTH DEPARTMENT.

### Medical Officer of Health—

H. E. MARSDEN, J.P., M.B., Ch.B., D.P.H., Barrister-at-Law.

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### Sanitary Inspectors and Meat Inspectors—

T. G. H. HUNTER, A.R.S.I.

J. AINSWORTH, M.S.I.A.

N. T. FENNAH, M.S.I.A.

### Clerk to the Medical Officer of Health—

MRS. D. FAWCETT.

All are whole-time officials.

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[TO THE CHAIRMAN AND MEMBERS OF THE HEALTH  
COMMITTEE.]

GENTLEMEN,

I have pleasure in presenting my Annual Report for the year 1942. In accordance with official instructions, tables of local populations or quotations from the figures supplied by the Registrar General, which may enable any substantial series of local populations to be reconstructed, have been excluded from the Report.

Yours obediently,

(Signed) H. E. MARSDEN,

Medical Officer of Health.

July, 1943.

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## Section A.

### STATISTICS OF THE AREA FOR 1942.

Area of the District (Acres) .....	67,560
No. of inhabited houses (end of 1942) according to Rate Books .....	11,736
Rateable Value .....	£231,015
Sum represented by a Penny Rate .....	£934
Births .....	718
Deaths .....	414
Infantile Mortality Rate per 1000 births .....	43



## BIRTHS.

The number of births recorded during the year was 718, which is an increase of 105 on the number for 1941. Of the total births 357 were males and 361 were females. There were 25 illegitimate births--15 males and 10 females.

## DEATHS.

The total deaths registered for the Rural District during 1942 numbered 414. The figure for 1941 was 461.

**Maternal Mortality.**—The maternal mortality rate per 1000 live births was 2·78 against 3·17 in 1941. The figure for England and Wales was 2·01, and 2·23 in 1941.

**Infantile Mortality Rate.**—There were 31 deaths of infants under one year, which gives an infantile mortality rate of 43 per 1000 births. This figure is 12 less than the figure for 1941, and 9 less than the five years average. The rate for England and Wales was 49 per 1000 births.

# CAUSES OF DEATH IN THE WEST LANCASHIRE RURAL DISTRICT, 1942.

## CIVILIANS.

Causes of Death.	Males.	Females.
Typhoid Fever, Etc. ....	—	—
Cerebro-spinal Fever ....	—	1
Scarlet Fever ....	—	—
Whooping Cough ....	—	1
Diphtheria ....	—	—
Tuberculosis of the Respiratory System ....	9	9
Other Forms of Tuberculosis ....	3	1
Syphilitic Diseases ....	—	—
Influenza ....	1	—
Measles ....	—	—
Acute Polio-myelitis and Polio-encephalitis ....	—	1
Acute Inf. encephalitis ....	—	1
Cancer ....	25	34
Diabetes ....	1	4
Intra-cranial vascular lesions ....	21	20
Heart Disease ....	53	50
Other circulatory diseases ....	4	2
Bronchitis ....	18	9
Pneumonia ....	6	4
Other respiratory diseases ....	—	—
Ulcer of stomach or duodenum ....	2	1
Diarrhoea (under 2 years) ....	—	—
Appendicitis ....	2	1
Other digestive diseases ....	7	7
Nephritis ....	5	9
Puerperal and post-abortive sepsis ....	—	—
Other maternal causes ....	—	2
Premature birth ....	5	4
Congenital causes ....	10	6
Suicide ....	1	—
Road Traffic Accidents ....	3	1
Other violent causes ....	6	5
All other causes ....	28	31
Deaths of infants under 1 year :—		
Total ....	17	14
Legitimate ....	15	14
Illegitimate ....	2	—
Live Births :—		
Total ....	357	361
Legitimate ....	342	351
Illegitimate ....	15	10
Stillbirths :—		
Total ....	12	13
Legitimate ....	12	12
Illegitimate ....	—	1

## Section B.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

#### PATHOLOGICAL REPORTS.

Specimens are sent for examination to the Bacteriological Department of the University of Liverpool, to Messrs. Evans, Lescher and Webb's Biological Institute at Runcorn, to the Pathological Department of the Southport Infirmary, and to the Bootle Infectious Diseases Hospital. Emergency examinations are carried out by the staff of the Ormskirk Military Hospital, through the courtesy of the Officer commanding.

Five hundred and forty-eight nose and throat swabs were taken and examined for *Bacillus Diphtheriæ*, which was found to be present in seventy-two swabs.

One swab examined for Hæmolytic Streptococci proved negative, and of three swabs examined for Vincent's Angina, only one was positive.

Two specimens of blood, and four of faeces were tested for the presence of the typhoid and dysentery group of organisms. One specimen of faeces proved positive to the latter group.

One specimen of sputum and one of pleural fluid examined for tuberculosis were negative.

In addition to the above, thirty-five swabs were taken from Skelmersdale patients in the Infectious Diseases Hospital; three swabs proved positive for diphtheria.

#### INFECTIOUS DISEASES HOSPITAL.

##### COMMITTEE.

###### Chairman :

DR. T. B. CALLAND, J.P.

###### Vice-Chairman :

MR. A. C. ROODHOUSE, J.P.

And Councillors BALMER, MORETON, ASPINALL, SUMNER, ALCOCK,  
S. H. HUDSON, SEIFFERT, KING, DAVENHILL, J.P., J. TAYLOR,  
KUHLE, BARRON, C.C., SKAFTE and HEYES.

##### STAFF.

###### Medical Superintendent:

HERBERT E. MARSDEN, J.P., M.B., Ch.B., D.P.H., Barrister-at-Law.

###### Deputy Medical Superintendent :

JOHN YOUNG, M.B., Ch.B., D.P.H.

###### Matron :

Miss A. FAIRHURST, S.R.N.

One Sister, two Assistant Nurses, three Probationers, Cook, Housemaid, Ward Maid, Porter and Gardener.



**Admissions from all Districts.**

Admissions	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Scarlet Fever	75	81	29	94	46	82	32	33	15	10
Diphtheria (including carriers)	29	15	28	4	36	51	65	27	81	39
Measles .....	2	1	1	—	1	1	—	3	1	2
Whooping Cough	3	3	1	6	1	1	—	—	3	3
Enteric Fever	1	4	2	—	6	—	—	3	10	—
Others .....	3	9	8	4	31	43	14	11	15	11
<hr/>										
Total .....	113	113	69	108	121	178	110	77	125	65

**AMBULANCE.**

The Local Authority provides ambulance facilities for infectious cases only. The Ormskirk General Hospital and also the County Hospital at Ormskirk each provide ambulances for accidents and general hospital cases. Ambulances belonging to the Merseyside Hospitals Council also operate in the area. In addition, the Council now contribute annually to the Bootle General Hospital for the use of their ambulances for which the Fire Brigade provides the drivers, in the southern part of the district. Experience has shown that ambulance facilities are as adequate in war time as in peace time.

Owing to changes in the duties of the Bootle Ambulance Drivers, who have now been drafted into the National Fire Service, it has been necessary to formulate new ambulance arrangements to cover the southern part of the District, commencing in 1943. Such arrangements will be reported upon in the Report for that year.

**SUMMARY OF ADMISSIONS, DISCHARGES, etc., FROM THE WEST LANCASHIRE RURAL DISTRICT DURING THE YEAR, 1942.**

**AUGHTON INFECTIOUS DISEASES HOSPITAL.****Admissions.**

Scarlet Fever	.....	.....	.....	.....	.....	10
Diphtheria (including Carriers)	.....	.....	.....	.....	.....	33
Tonsilitis, etc.	.....	.....	.....	.....	.....	11
Enteric Fever	.....	.....	.....	.....	.....	—
Others	.....	.....	.....	.....	.....	5
						—
						59
						—

These admissions were from the following townships :—

Aintree	.....	.....	Two cases of scarlet fever, two of diphtheria, one case of tonsilitis.
Altcar	.....	.....	One case of scarlet fever.
Aughton	.....	.....	One case of scarlet fever, two of diphtheria, one diphtheria carrier, one case of tonsilitis and one of measles.

Bickerstaffe	.....	One case of scarlet fever.
Downholland	.....	One case of tonsilitis.
Ford	.....	One case of diphtheria and one diphtheria carrier.
Halsall	.....	One case of scarlet fever and two of tonsilitis.
Hesketh Bank	.....	Two cases of diphtheria and one diphtheria carrier.
Lydiate	.....	One diphtheria carrier.
Maghull	.....	One case of scarlet fever, eight cases of diphtheria, three of tonsilitis, one post-measles and three cases of observation whooping cough.
Melling	.....	One case of diphtheria, one of tonsilitis, three diphtheria carriers and one observation diphtheria.
Netherton	.....	One case of scarlet fever, three of diphtheria and one case of tonsilitis.
North Meols	.....	Two cases of scarlet fever.
Scarisbrick	.....	Three cases of diphtheria.
Tarleton	.....	One case of diphtheria and one diphtheria carrier.
Thornton	.....	One case of diphtheria and one diphtheria carrier.

#### Discharges.

Scarlet Fever	.....	8
Diphtheria (including carriers)	.....	38
Tonsilitis, etc	.....	11
Enteric Fever	.....	—
Others	.....	4
		<hr/>
		61
		<hr/>

#### ADMISSIONS FROM OTHER DISTRICT.

Skelmersdale Urban District	Four cases of diphtheria and two diphtheria carriers.
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The outside work done in connection with the hospital was as follows :—

#### For West Lancashire Rural District.

Journeys with ambulance for patient	.....	87
Journeys with ambulance for bedding	.....	261
Houses attended for disinfection	.....	108
No. of times disinfectant was used	.....	121
Rooms sprayed	.....	231
Schools sprayed	.....	6
Articles stoved	.....	5,063
Disinfection—Journeys	.....	8
Houses	.....	8
Rooms	.....	26
Huts	.....	7

**For Skelmersdale Urban District.**

Journeys with ambulance for patients	.....	.....	.....	.....	6
Journeys with ambulance for bedding	.....	.....	.....	.....	11
Houses attended for disinfection	.....	.....	.....	.....	10
No. of times disinfecter was used	.....	.....	.....	.....	6
Rooms sprayed	.....	.....	.....	.....	26
Articles stoved	.....	.....	.....	.....	94

**For Ormskirk Urban District.**

Journeys for patient and bedding.....	.....	.....	.....	.....	76
Journeys for the return of bedding	.....	.....	.....	.....	76



**PARTICULARS OF WORK DONE BY THE VARIOUS NURSING ASSOCIATIONS OPERATING IN THE  
WEST LANCASHIRE RURAL DISTRICT—1st JANUARY to 31st DECEMBER, 1942.**

ASSOCIATION	CASES NURSED						VISITS			TOTAL	
	Midwifery	Maternity	Medical	Surgical	T. B.	General Nursing	Ante-Natal	T. B.	Cases	Visits	
<b>Ecclestone and District</b> (including the Parish of Bispham) .....	1	3	3	5	—	301	44	—	12	345	
<b>Formby District</b> (including the Parishes of Altcar & Downholland) .....	—	2	—	—	—	—	—	—	2	35	
<b>Great Crosby &amp; District</b> (including the Parish of Ince Blundell) .....	2	2	2	7	—	66	18	—	13	84	
<b>Kirkby, Lydiate &amp; Melling</b> (Parishes Lydiate, Melling and Simonswood) .....	18	5	21	9	1	1041	93	15	54	1149	
<b>Rainford &amp; District</b> (including the Parish of Bickerstaffe) .....	6	8	14	6	—	628	93	—	39	721	
<b>Scarisbrick District</b> ....	—	—	27	50	2	1803	—	85	79	1888	
<b>Sefton and District</b> (including Aintree, Netherton, Sefton, Lunt, Thornton and part of Ford) .....	30	25	90	83	1	4271	597	12	219	4880	
<b>Tarleton and District</b> (including Tarleton, Rufford, and Hesketh Bank) .....	45	12	88	235	—	6639	588	—	380	7227	
<b>TOTAL</b> ....	102	57	245	395	4	14,749	1433	112	798	16,329	

The above figures refer only to the work actually performed in the West Lancashire Rural District Parishes during the twelve months ended 31st December, 1942.



### MIDWIVES RESIDENT IN THE DISTRICT AT 31st DECEMBER, 1942.

Mrs. J. Dawson, "Franklyn," Southport Road, Scarisbrick.....	C.M.B.
Mrs. E. Bibby, 160, Northway, Maghull .....	C.M.B.
Miss M. A. Bond, New Street, Halsall .....	C.M.B.
Mrs. J. E. MacKellar, Finger Post Cottage, Liverpool Road, Aughton .....	C.M.B.
Miss Ruth Freeman, District Nurse, "Burnside," Gorse Lane, Tarleton .....	C.M.B.
Mrs. M. A. Pugh, 22, Marina Crescent, Netherton .....	C.M.B.
Miss M. Hewitsons, 94 Park-lane, Netherton.....	C.M.B.
Miss A. Vidler, 94 Park-lane, Netherton .....	C.M.B.
Miss A. M. Irwin, "Annesley," 137, Liverpool Road South, Maghull .....	C.M.B.
Miss G. Johnson, District Nurse, "Burnside," Gorse Lane, Tarleton .....	C.M.B.

### PUBLIC HEALTH ACT, 1936.—NURSING HOMES.

Mrs. Jane Pope, "Rose Dene," Liverpool Road, Maghull.....	One maternity case.
The Misses Mary A. Wharton and E. B. Jones, 32, Gainsborough Avenue, Maghull	Two maternity or medical cases.
Mrs. E. M. Storey-Bates, "Northgate," Strathnaver, Town Green Lane, Aughton .....	Five maternity and four medical cases.

### PUBLIC VACCINATORS.

Name.	District.
W. P. O'Regan, Mansion House, Ormskirk.	Aughton, Bickerstaffe, Halsall, Scarisbrick.
R. G. R. Burrows, 236, Liverpool Road South, Maghull.	Downholland, Lydiate, Maghull, Melling, Scarisbrick.
C. Ashton, The Gables, Croston.	Bispham, Hesketh Bank, Tarleton, Rufford, North Meols.
A. B. Sykes "Ashurst," Formby.	Altcar.

Name.	District.
W. F. Jones, 2, Bedford Road, Walton, Liverpool.	Aintree.
J. F. Webb, " St. Selskar," Crosby Road N., Waterloo.	Ince Blundell, Thornton.
H. G. St. M. Rees, 60, Litherland Park, Litherland.	Netherton, Ford, Sefton, Lunt.

### VACCINATION OFFICERS.

Name.	District.
N. Bottomley, 5, Liverpool Road, Skelmersdale.	Bickerstaffe, Bispham, Scarisbrick.
N. C. Lyon, 74, Wigan Road, Ormskirk.	Altcar, Aughton, Downholland, Hal- sall, Lydiate, Maghull, Melling.
J. Webster, 22, Derby Street, Ormskirk.	Hesketh Bank, North Meols, Rufford Tarleton.
H. D. Plevin, 43, Crosby Road, Waterloo.	Ince Blundell, Thornton, Sefton, including Lunt, Ford, Netherton, Aintree.

## Section C.

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### SANITARY CIRCUMSTANCES OF THE AREA.

#### WATER SUPPLY.

The following table summarises the water supplies in the Rural District for the year ended 31st December, 1942.

**SUMMARY OF WATER SUPPLIES FOR THE YEAR ENDED  
DECEMBER 31st, 1942.**

	SUPPLIED FROM PUBLIC MAIN.									OTHER SUPPLIES		TOTAL NUMBER OF HOUSES AND PERCENTAGES	
	Upholland Urban District Council.	Wigan Rural District Council	Liverpool Corporation	Ormskirk Urban District Council	St. Helens Corporation	Preston Rural District Council	Southport and Dist. Water Board	TOTALS	Increase or Decrease	Wells, etc.	Increase or Decrease	Total number of Houses	Percentage of houses supplied by public main
Aintree .....	—	—	724	—	—	—	—	724	—	—	—	724	100 0
Altcar .....	—	—	—	—	—	—	179	179	—	25	—	204	87·7
Aughton .....	—	—	—	—	2	—	951	953	—	6	—	959	99·3
Bickerstaffe .....	6	—	—	—	—	—	344	350	—	8	—	353	98 0
Bispham .....	—	57	—	—	—	—	—	57	+1	9	—1	66	86·3
Downholland .....	—	—	—	—	—	—	161	161	—	13	—	174	92·5
Ford .....	—	—	309	—	—	—	—	309	—	—	—	309	100·0
Halsall .....	—	—	—	—	—	—	587	587	*+1	19	*—3	606	96·8
Hesketh Bank	—	—	—	—	—	526	—	526	†+1	3	—	529	99·4
Ince Blundell .....	—	—	123	—	—	—	—	123	—	1	—	124	99·2
Lydiate .....	—	—	—	—	—	—	421	421	†+1	28	—	449	93·7
Maghull .....	—	—	—	—	4	—	2553	2557	—	14	—	2571	99·4
Melling .....	—	—	1	—	351	—	—	352	—	6	—	358	98·3
Netherton.....	—	—	922	—	—	—	—	922	—	—	—	922	100·0
North Meols .....	—	—	—	—	—	5	708	713	—	18	—	731	97·5
Rufford .....	—	—	—	294	—	—	—	294	—	6	—	300	98·0
Scarisbrick	—	—	—	6	—	—	766	772	+2	25	—2	797	96·8
Sefton .....	—	—	117	—	—	—	—	117	—	6	—	123	95·1
Simonswood .....	—	—	—	—	64	—	—	64	*—6	4	*—4	68	94·1
Tarleton .....	—	—	—	2	—	788	—	790	—	3	—	793	99·6
Thornton .....	—	—	391	—	—	—	—	391	—	—	—	391	100 0
Totals .....	6	57	2587	302	421	1319	6670	11362	—	194	—10	11556	98·3

\* Demolition.

† New Construction.



### SEWERAGE AND SEWAGE DISPOSAL.

The following conversions have been effected during the year :—

Privies to waterclosets	.....	.....	.....	5
Pails to waterclosets	.....	.....	.....	26
Privies to pails	.....	.....	.....	18
Fixed receptacles to metal bins	.....	.....	.....	19

The only connection to the sewer during the year was made in the parish of Thornton.

The foregoing table demonstrates the changes that have taken place during the year. A full description of the sewerage systems throughout the Rural District appeared in the Annual Reports for 1938 and previous years.

### SANITARY CONVENIENCES, 1942.

	CLOSET ACCOMMODATION.			REFUSE Dry Ashpits	ACCOMMODATION.	
	W.C.'s	Pails	Privies		Privy Ashpits	Bins
AINTREE.....	716	1	7	2	6	715
ALTCAR .....	11	19	69	15	67	112
AUGHTON .....	855	5	97	9	96	851
BICKERSTAFFE	90	50	218	14	218	140
BISPHAM .....	2	13	51	1	51	7
DOWNHOLLAND	27	15	130	14	130	26
FORD .....	289	6	14	—	14	395
HALSALL .....	266	51	273	29	259	264
HESKETH BANK	228	136	163	2	161	349
INCE BLUNDELL	64	1	56	25	51	36
LYDIATE .....	299	28	116	20	116	307
MAGHULL .....	2505	14	52	11	52	2513
MELLING .....	209	31	118	—	110	301
NETHERTON .....	913	—	9	—	9	913
NORTH MEOLS	292	249	175	2	172	557
RUFFORD .....	159	58	80	1	80	238
SCARISBRICK .....	394	59	335	6	335	502
SEFTON .....	69	1	51	6	48	57
SIMONSWOOD .....	22	1	45	3	45	18
TARLETON .....	356	146	291	6	290	514
THORNTON .....	371	1	19	—	18	372
Totals .....	8239	885	2369	166	2328	9187

### SCAVENGING.

Scavenging is now performed by direct labour, under the Surveyor's Department, in the following townships :—

Aintree, Aughton, Bickerstaffe, Ford, Halsall, Hesketh Bank, Lydiate, Maghull, Melling, Netherton, North Meols, Rufford, Scarisbrick, Tarleton and Thornton.

The townships of Altcar (ash bins) and North Meols and Hesketh Bank (privies and pails) are scavenged by indirect labour.

The total number of receptacles emptied during the year was 272,486.



# REPORT OF THE SANITARY INSPECTORS

FOR THE

WEST LANCASHIRE RURAL DISTRICT COUNCIL.

YEAR 1942.

Number of Nuisances found .....	491
Number of Nuisances abated .....	486
Nuisances abated without service of notice .....	223
Preliminary notices served .....	103
Preliminary notices complied with .....	101
Statutory Notices served .....	2
Statutory Notices complied with .....	2
Dairies, etc., registered .....	131
New Registrations .....	2
Dairies limewashing required .....	36
Dairies transferred .....	1
Dairies abolished .....	6
Dairies floors repaired .....	1
Factories with mechanical power .....	58
Factories with mechanical power—new registrations .....	2
Factories without mechanical power .....	121
Factories without mechanical power—new registrations .....	2
Factories abolished .....	4
Factories limewashing required .....	8
Schools visited .....	29
Scavenging :—	
Number of receptacles emptied .....	272,486
Total number of Inspections .....	2,740
Samples obtained for analysis .....	18
Water supplies (P.H.A., 1936, Sec. 137) .....	1
"          "          "          "          138) .....	5
Conversions :—	
Privy to Water Closet .....	5
Pail to Water Closet .....	26
Privy to Pail .....	18
Fixed Receptacles to metal bins .....	19
Slaughterhouses.....	10
Carcases examined .....	279
Offensive trades.....	1

TABLE SHOWING THE NUMBER OF MATTERS DEALT WITH BY THE SANITARY INSPECTORS DURING 1942.

	Nuisances found	Nuisances abated	Inspections	Samples obtained	Water supplies. P.H.A. 1936. Section 137.	Water supplies. P.H.A. 1836. Section 138.	Slaughterhouses	Inspections	Dairies, etc.	I-spections	Factories.	Inspections	Scavenging. No. of receptacles emptied	Preliminary Notices served	Complied with	Statutory Notices served	Complied with	Carcasses examined	Weight of meat	Condemned	Total number of Inspections
Aintree .....	3	3	7	—	—	—	—	—	2	4	8	16	18,383	1	1	—	—	—	—	—	29
Altcar .....	—	—	—	—	—	—	—	—	1	5	5	6	2,512	—	—	—	—	—	—	—	13
Aughton .....	54	54	128	—	—	—	1	—	11	14	24	24	28,884	31	31	—	—	—	—	—	171
Bickerstaffe .....	41	41	361	—	—	—	—	—	11	7	8	16	7,352	—	—	1	1	—	—	—	386
Bispham .....	—	—	—	3	—	1	—	—	4	8	3	6	—	—	—	—	—	—	—	—	28
Downholland .....	2	2	3	1	—	—	—	—	1	2	4	6	—	—	—	—	—	—	—	—	25
Ford .....	20	20	55	—	—	—	1	5	1	2	1	2	15,808	8	8	—	—	10	—	—	25
Halsall .....	26	26	61	—	—	1	—	—	16	36	8	13	9,853	5	4	1	1	—	—	—	146
Hesketh Bank .....	17	17	40	—	1	—	—	—	8	20	7	19	18,280	4	4	—	—	—	—	—	138
Ince Blundell .....	3	3	4	—	—	—	—	—	2	3	3	3	—	—	—	—	—	—	—	—	14
Lydiate .....	54	54	114	—	—	1	1	—	—	—	6	12	8,041	10	10	—	—	—	—	—	130
Maghull .....	79	79	178	3	—	—	2	—	5	4	18	32	59,000	13	13	—	—	3	—	—	226
Melling .....	53	53	124	—	—	—	—	—	3	3	8	14	6,785	3	3	—	—	—	—	—	145
Netherton .....	15	15	35	—	—	—	—	—	2	4	5	5	23,800	10	10	—	—	266	—	—	323
North Meols .....	32	30	71	3	—	—	—	—	19	39	12	24	25,324	8	8	—	—	—	—	—	237
Rufford .....	7	7	18	6	—	—	—	—	7	17	11	23	6,888	1	1	—	—	—	—	—	122
Scarisbrick .....	26	23	41	3	—	2	—	—	15	32	18	29	16,638	6	5	—	—	—	—	—	227
Sefton .....	40	40	80	—	—	—	1	—	4	12	2	4	—	—	—	—	—	—	—	—	98
Simonswood .....	—	—	—	—	—	—	—	—	1	2	1	1	—	—	—	—	—	—	—	—	4
Tarleton .....	12	12	22	—	—	—	3	—	14	39	26	57	15,138	2	2	—	—	—	—	—	228
Thornton .....	7	7	18	—	—	—	1	—	4	4	1	3	9,800	1	1	—	—	—	—	—	25

### **CANAL BOATS.**

No canal boats were inspected during the year.

### **SCHOOL HYGIENE.**

The milk-in-schools scheme is in operation in the majority of the schools. Complaints of souring of the milk have been received from time to time, and these are dealt with by the Department. Some of the schools now supply Pasteurised milk, and this is proving popular, its advantages being realised by parents.

School dinners are now served at Scarisbrick R.C., C.E. and Council Schools, Netherton Council and R.C. Schools, Maghull C.E., Lydiate R.C., Ince Blundell R.C., Halsall Central and Aintree Council Schools. The latter school is now accommodated in Maycrete huts ; a great improvement in comparison with their former temporary school.

Many teachers complain of the worn-out condition of playgrounds : these and the other defects mentioned in previous war-time reports have not received attention owing to the present emergency.



**SCHOOL CLINICS.****LITHERLAND CLINIC, LINACRE ROAD.**

Monday	.....	10—12 a.m.	Dental.
		2—4 p.m.	„
		2—4 p.m.	Child Welfare Centre. Dr. Barker and two nurses.
Tuesday	.....	10—12 a.m.	Minor Ailments.
		2—4 p.m.	Dental.
Wednesday	.....	10—12 a.m.	Dental.
		2—4 p.m.	„
Thursday	.....	10—12 a.m.	Ophthalmic.
		10—12 a.m.	Orthopaedic. Nurse every Thursday. Surgeon attends second Thursday of each month only.
		2—3 p.m.	Ante-natal Clinic alternate Thursdays. Dr. Malpas and Dr. Barker attend alternate sessions.
		2—4 p.m.	Dental.

**MAGHULL CLINIC, PARISH INSTITUTE.**

Monday	....	10—12 a.m.	Minor Ailments. Nurse only for dressings.
Thursday	.....	2 p.m.	Child Welfare Centre. Dr. Barker attends once every four weeks.
Friday	.....	10—12 a.m.	Minor Ailments.

**ORMSKIRK CLINIC, GENERAL HOSPITAL.**

Monday	.....	a.m.	Minor Ailments.
		2—4 p.m.	Child Welfare Centre.
Tuesday	....	p.m.	Orthopaedic. Nurse only, except second Tuesday in each month.
Wednesday	.....	p.m.	Minor Ailments, Nurse only for dressings.
Friday	.....	a.m.	Orthopaedic. First Friday in each month only. Surgeon attends.
		a.m. and p.m.	Dental.

**LATHOM AND BURSCOUGH, OLD COUNCIL OFFICES, LATHOM.**

Thursday	.....	2—4 p.m.	Child Welfare Centre. Medical Officer attends alternate weeks.
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**BANKS CLINIC, GRAVEL FARM, GRAVEL LANE.**

Wednesday	.....	a.m.	Minor Ailments. Medical Officer attends alternate weeks only.
		1—3 p.m.	Child Welfare Centre (Alternate weeks only.)
Friday	.....	a.m. and p.m.	Dental.



The following is a list of schools in the district :—

District No.	SCHOOL.	School No.	No- of children normally resident in the District attending the school.
7	Hesketh-with-Beaconsall C.E.....	28	76 infants and juniors
7	North Meols, Banks Primitive Methodist .....	24	mixed 158 infants, and mixed
7	North Meols, St. Stephen's .....	25	117 infants and mixed
7	Tarleton, Mere Brow C.E. ....	26	49 infants and mixed
7	Tarleton C.E. ....	27	37 infants, 59 juniors
7	Tarleton Council .....		39 infants, 73 juniors 106 seniors
16	Halsall Central School .....	30	209 infants, juniors and seniors
16	Haskayne C.E. ....	31	11 infants, 11 juniors
16	Bickerstaffe C.E. ....	13	113 infants and juniors
16	Maghull C.E. ....	16	184 infants, 291 juniors
16	Maghull Senior School .....		237 seniors.
16	Maghull St. George's R.C. ....	17	80 infants and mixed
16	Maghull Dover Road Infants.....		79 infants, 100 juniors
16	Melling (Aughton) R.C. ....	14	52 infants and mixed
16	Melling (Ormskirk C.E.) ....	15	114 infants and juniors
16	Scarisbrick St. Mark's C.E. ....	32	28 infants, 16 juniors
16	Scarisbrick St. Mary's R.C. ....	33	124 infants and mixed
16	Scarisbrick Council .....	34	37 infants and juniors
16	Aughton Christ Church .....	20	54 infants, 65 mixed
16	Aughton Parochial .....	21	27 infants, 56 junior mixed
16	Lydiat R.C. ....	19	55 infants, 33 mixed
16	Lydiat C.E. ....	18	89 infants and mixed
16	Rufford C.E. ....	22	19 infants, 52 mixed
16	Rufford Holmeswood Methodist	23	43 infants and mixed
16	Bispham Free Grammar .....	24	26 infants, 43 mixed
28	Ince Blundell R.C. ....		43 infants and mixed
28	Netherton R.C. ....		61 infants and mixed
28	Netherton Temporary Council		47 infants, 115 juniors
28	Sefton Council .....		20 infants, 20 juniors
28	Aintree Temporary Council .....		169 infants and juniors

#### SCHOOL CLOSURE.

It was not found necessary to close any of the schools during the year owing to the presence of infectious disease.

#### RATS AND MICE (DESTRUCTION) ACT, 1919.

National Rat Week is not held during wartime. Rat poison is always available, however, and is issued by the Department to approved applicants.

## Section D.

### HOUSING.

#### STATISTICS.

Number of new houses erected during the year :—

(a) Total (including numbers given separately under (b))	.....	—
(i.) By the local authority	.....	—
(ii.) By other local authorities	.....	—
(iii.) By other bodies or persons	.....	—
(b) With State assistance under the Housing Acts :—		
(i.) By the local authority (included under (a) (i.) above	.....	—
(ii.) By other bodies (included under (a) (iii.) above)	.....	—

Total number of dwelling-houses in the Rural District at 31st December, 1942	.....	11,760
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#### 1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR :—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health and Housing Acts).....	226
(b) Number of inspections made for the purpose	721
(2) (a) Total number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	76
(b) Number of inspections made for the purpose	340
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	2
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects fit for human habitation	55

#### 2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICE :—

Number of dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers.....	66
--	----

#### 3. ACTION UNDER STATUTORY POWERS DURING THE YEAR —

##### A. Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	5
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owners	—
(b) By Local Authority in default of owners	—



B. Proceedings under Public Health Acts :—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .....	41
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners .....	34
(b) By Local Authority in default of owners .....	—
C. Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—	
(1) Number of dwelling-houses in respect of which demolition orders were made .....	—
(2) Number of dwelling-houses demolished in pursuance of demolition orders .....	—
D. Proceedings under Section 20 of the Housing Act, 1936 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .....	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .....	—

## Section E.

### INSPECTION AND SUPERVISION OF FOOD.

#### DAIRIES, COWSHEDS AND PURVEYORS OF MILK.

The Milk and Dairies Order of 1926 made provisions for securing the cleanliness of dairies, etc., and for protecting milk against infection and contamination.

During 1942 thirty-six requests for limewashing of cowsheds had to be made. The work was carried out in all cases.

TABLE 1.

Number of Registered Dairies at end of 1941.	New Application for Registration	Registration Refused.	Dairies Removed from Register.	Number of Registered Dairies at end of 1942.
135	2	—	6	131

The total number of registrations is made up as follows :—

105 cowkeepers, 8 retail purveyors resident in the district, and 18 retail purveyors of milk non-resident.

TABLE 2.

YEAR	DESIGNATED MILK PRODUCERS.					SAMPLES TAKEN				Dealers Delivering Designated Milk under Supplementary Licence.	REGISTRATIONS (Milk & Dairies Consolidation Act)			Total Number of Registrations.
	Certified	Grade A. T.T.	Grade A.	Grade A Pasturised	Pasteurised	Under sale of Food and Drugs Act.	By Local Authority	Inspections	Approximate number of Cows.		Cow keepers	Resident Purveyors	Non-resident Purveyors	
1926	—	—	2	—	—	25	—	176	—	—	62	5	8	75
1927	—	—	2	—	—	22	—	174	—	—	64	6	7	77
1928	—	—	2	—	—	16	—	181	—	—	68	5	9	82
1929	—	—	1	—	—	28	—	215	—	—	72	6	9	87
1930	—	—	1	—	—	43	—	197	—	—	72	7	10	89
1931	—	—	1	—	—	42	—	219	830	—	72	7	11	90
1932	—	—	2	—	—	22	5	263	1070	1	90	13	14	117
1933	—	—	3	—	—	34	3	273	1158	2	93	14	12	119
1934	—	—	3	—	—	52	11	277	1266	2	106	16	13	135
1935	—	1	6	—	—	52	35	330	1400	2	113	14	16	143
	Accredited		Tuberculin Tested		Pasteurised									
1936	11		1		2	52	68	340	1400	2	110	15	16	141
1937	13		2		—	48	54	327	1400	2	114	14	17	145
1938	14		2		—	57	56	372	1400	2	115	14	14	143
1939	15		2		—	59	40	358	1400	1	111	10	17	138
1940	14		2		—	18	15	318	1350	—	108	10	17	135
1941	14		2		—	39	30	254	1600	—	109	9	17	135
1942	15		1		—	20	20	257	1500	—	105	8	18	131

**Milk Sampling.**—Twenty samples of milk were taken by the Inspectors during the year.

Eighteen of these were samples of milk supplied to schools, and were taken at the request of the Lancashire County Council, who bore the cost of the bacteriological examinations



The other two samples were taken from milk produced in Thornton, and were examined for cleanliness and fat content. The result of the former test was satisfactory but the result of the latter examination showed the sample to be deficient in milk fat.

All the examinations were carried out by the Pathological Department of the Liverpool University.

Twenty samples were taken in the district under the Sale of Food and Drugs Act, 1928.

**Tuberculosis.**—As a result of notification from Medical Officers of Health that tubercle bacilli had been discovered in milk produced in West Lancashire, an inspection of one herd in Aughton and one in Rufford was made by a County Veterinary Inspector during the year. Two animals were dealt with under the Tuberculosis Order, 1938.

### SALE OF FOOD AND DRUGS ACT.

As from July, 1940, this Act has been administered by the County Sanitary Inspectors. The work was previously carried out by the County Police.

The accompanying figures have been supplied by the County Council.

SAMPLES TAKEN.								NUMBER.
Milk	.....	.....	.....	.....	.....	.....	.....	20
Phenacetin Compound	.....	.....	.....	.....	.....	.....	.....	1
Butter	.....	.....	.....	.....	.....	.....	.....	1
Margarine	.....	.....	.....	.....	.....	.....	.....	1
Cooking Fat	.....	.....	.....	.....	.....	.....	.....	1
Tinned Vegetables	.....	.....	.....	.....	.....	.....	.....	1
Fish Paste	.....	.....	.....	.....	.....	.....	.....	1
Rice	.....	.....	.....	.....	.....	.....	.....	1
Glauber Salts	.....	.....	.....	.....	.....	.....	.....	1
Bacon	.....	.....	.....	.....	.....	.....	.....	1
Cheese	.....	.....	.....	.....	.....	.....	.....	1
Sugar	.....	.....	.....	.....	.....	.....	.....	1
Tincture of Iodine	.....	.....	.....	.....	.....	.....	.....	1
Aspirin Tablets	.....	.....	.....	.....	.....	.....	.....	1
Tinned Soup	.....	.....	.....	.....	.....	.....	.....	1
Jam	.....	.....	.....	.....	.....	.....	.....	1
Oatmeal	.....	.....	.....	.....	.....	.....	.....	1

No proceedings were instituted in connection with any of the above samples.

### BAKEHOUSES.

There are fourteen bakehouses in the district, distributed as follows:—Aughton 4, Bickerstaffe 1, Hesketh Bank 1, Maghull 4, North Meols 1, Scarisbrick 1, Tarleton 2. All these premises are kept in good condition.

### SLAUGHTERHOUSES.

Private slaughtering has been abolished for the duration of the War.

FACTORIES.

The total number of Factories with and without mechanical power is 179. 315 inspections were made during 1942; 10 defects were found and remedied.

1.—INSPECTIONS.

Including Inspections made by the Sanitary Inspectors.					Premises.			Inspections. Notices. Prosecutions.		
Factories with mechanical power								80 — —		
Factories without mechanical power								235 — —		
Totals								315 — —		

2.—DEFECTS FOUND.

Particulars of Nuisances under Public Health Acts.		No. of defects.	
		Found.	Abated
Want of cleanliness		10	10

MEAT INSPECTION.

During the year there were 266 carcasses condemned; 194 lambs and 72 pigs. Portions and trimmings of pigs weighed 8 tons, 12 cwts, 23 lbs. Carcasses, portions of carcasses and trimmings of lambs and sheep condemned weighed 11 cwts, 3 qrs, 22 lbs. Portions and trimmings of beef carcasses condemned weighed 1 ton, 4 cwts, 2 qrs, 8 lbs.

Section F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

INFECTIOUS DISEASE STATISTICS.

	Smallpox.	Enteric Fever.	Scarlet Fever.	Measles.	Diphtheria.	Puerperal Pyrexia.	Cerebro-spinal Fever.	Poliomyelitis.	Malaria.	Encephalitis Lethargica.	Whooping Cough.	Erysipelas.	Pneumonia
Cases	—	—	31	251	25	2	6	1	—	—	62	11	41
Deaths	—	—	—	—	—	—	1	1	—	1	1	—	10





The following table shows the number, monthly distribution, and nature of cases of infectious disease coming under the notice of the Medical Officer of Health during 1942:—

	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS	Removed to Hospital
Smallpox .....	5	1	2	2	1	...	8	2	3	1	2	4	31	12
Scarlet Fever .....	5	4	3	...	4	3	...	1	2	1	...	2	25	25
Diphtheria .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric fever .....	1	...	...	...	...	...	...	...	...	1	...	...	2	2
Puerperal Fever and Pyrexia .....	...	3	1	1	1	1	1	...	...	1	2	...	11	1
Erysipelas .....	1	...	1	1	1	1	1	...	...	...	...	...	6	6
Cerebro-spinal-fever .....	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Poliomyelitis .....	6	2	5	9	6	3	3	...	1	2	3	1	41	Not known
Pneumonia .....	...	2	...	4	33	61	37	54	17	28	9	6	251	2
Measles .....	...	2	...	...	...	...	...	...	...	...	...	...	...	...
Malaria .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery .....	1	10	1	...	3	5	1	9	3	9	1	3	1	4
Whooping Cough .....	...	...	...	...	...	...	...	...	...	...	...	...	62	...
Encephalitis Lethargica .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anthrax .....	...	3	3	16	45	44	30	28	...	5	...	1	178	...
Chickenpox .....	3	...	...	...	...	...	...	...	...	...	...	...	2	1
Ophthalmia Neonatorum .....	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Monthly Totals .....	22	25	16	33	95	118	100	94	26	48	17	17	611	54



Table showing the number of cases of infectious disease occurring during the year in each township in the Rural District and the number of deaths.

1941.	TOWNSHIP.	Pneumonia		Scarlet Fever		Diphtheria		Enteric Fever		Whooping Cough		Erysipelas		Puerperal Fever and Pyrexia		Measles		Tuberculosis		TOTALS	
		C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
	Aintree	1	1	5	2	2	2			1						3		1		13	1
	Altcar	1	1	2	2	2	2					1				27		6	1	30	3
	Aughton	5	2	1												8		1		26	1
	Bickerstaffe	2	1							1						7		3	2	11	2
	Bispham																			4	2
	Downholland	1																		2	
	Ford					1				1		1				18		4	1	26	1
	Halsall	1	1	3	3	2				3		3				6		1	1	14	2
	Hesketh Bank	1		3	3	2				2						22		1		34	
	Ince Blundell	1														17				18	
	Lydiate	2	1							6	1			1		5		1		15	3
	Maghull	6	2	8		8				17		1		1		98		23	9	163	12
	Melling	4	1			1				7						7		7	3	26	4
	Netherton			2	3	4				3		1				25		1	1	37	1
	North Meols	2		3								1				1				7	
	Rufford			1						7		1						1		9	
	Scarisbrick	6		1		3				2						5		3	1	20	1
	Sefton															1		1		2	
	Simonswood	1								11											
	Simonswood	5				1				1		3								12	2
	Tarleton	2	1			1										1		1	2	12	1
	Thornton					1														4	
	W.L.R.D.	41	10	31		25				62	1	11		2		251		56	22	485	34

### DIPHTHERIA.

Artificial immunisation against Diphtheria is undertaken at all the schools in the Rural District where pre-school children also attend in the care of their parents. In addition, a weekly clinic is held at the Council Offices and a monthly Clinic at the Maghull Parish Institute. Treatment is also offered to all convalescents at the Infectious Diseases Hospital who are recovering from complaints other than Diphtheria.

The incidence was much lower than in 1941, there being only 25 cases as against 40 in the previous year. Only 9 carriers or potential carriers were discovered and admitted to hospital.

The following tables illustrate the incidence and fatality of the disease during the year and also the work done with respect to immunisation.

#### DIPHTHERIA IN THE WEST LANCASHIRE RURAL DISTRICT, 1933-1942.

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Cases	25	13	22	5	33	34	37	20	40	25
Deaths	2	1	—	—	1	2	5	1	3	—



PARTICULARS OF WORK DONE IN CONNECTION WITH IMMUNISATION AGAINST DIPHTHERIA  
SINCE THE COMMENCEMENT OF THE SCHEME IN NOVEMBER 1932,

TO 31st DECEMBER 1942.

SCHOOL.	YEAR.	Number of acceptances.		Total on Register.	Percentage of children actually in School 31/12/42, who have completed course.		Received complete diphtheria course.		Diphtheria course not completed.		Schick tested during 1932-41 and 1942.		Number negative.	Absent when results were read.		REMARKS.
Aintree Council	.. 1940-41 1942	83	156	169	63.90	76	30	6	2	1	1	1	2	2	2	absent for 2nd injection, 2 refused 2nd injection.
Aughton Christ Church	.. 1932-41 1942	167	135	119	65.54	164	27	4	2	46	41	1	4	2	1	Positive. 1 left before completion. 1 not allowed to complete. 2 absent for 2nd injection.
Aughton Parochial	.. 1932-41 1942	106	78	83	65.06	98	13	8	1	28	27	1	1	1	1	Positive. 2 absent for, and 1 refused 2nd injection.
Bickerstaffe C.E.	.. 1932-41 1942	222	111	113	87.61	211	25	11	1	49	46	1	2	2	1	Positive.
Bispham Free Grammar	1932-41 1942	83	74	69	72.46	76	12	7	1	34	34	1	1	1	1	Positive.
Haskayne C.E.	.. 1932-41 1942	53	25	22	68.18	49	1	3	1	25	25	1	1	1	1	Positive.
Halsall C.E.	.. 1932-41 1942	266	231	209	69.85	243	22	23	1	87	85	1	2	2	1	Positive. 1 absent for, and 1 refused 2nd injection. 1 absent for 2nd dose.
Hesketh Bank C.E.	.. 1932-41 1942	74	94	76	48.68	70	16	4	1	32	32	1	1	1	1	absent for 2nd injection.
Ince Blundell R.C.	.. 1932-41 1942	79	44	43	95.34	71	7	8	1	39	39	1	1	1	1	treated previously.
Lydiat R.C.	.. 1932-41 1942	106	87	88	69.31	97	4	9	1	51	48	1	3	3	1	Positive.
Lydiat C.E.	.. 1932-41 1942	90	83	89	56.18	86	12	4	1	36	34	2	2	2	2	Positive.
Maghull C.E.	1932-41 1942	509	538	475	73.05	484	99	25	2	208	189	9	10	2	2	Positive. 2 absent for 2nd injection.
Maghull Central	1939-41 1942	38	273	237	74.68	37	27	1	1	4	4	1	1	1	1	absent for 2nd dose, 6 treated previously.
Maghull R.C.	1932-41 1942	127	186	80	85.00	112	25	15	3	21	20	1	3	3	3	absent for 2nd injection.

# IMMUNISATION AGAINST DIPHTHERIA—Continued.

Maghull Temp. Council	1942		76 179 56.42		75 1		— —		— 1		absent for 2nd dose.	
	1932-41	1942	145 123	—	135 10	50 49	1	—	—	—	1	absent for 2nd dose.
Melling C.E.	1932-41	1942	30 114	77.18	29 1	—	—	—	—	—	1	absent for 2nd dose, 1 treated previously.
Melling R.C.	1932-41	1942	78 60	—	76 2	40 39	—	—	—	—	1	Positive. 1 absent for 2nd injection.
	1942		1 52	82.69	1	—	—	—	—	—	—	
Netherton R.C.	1932-41	1942	122 76	—	115 7	56 44	6	—	—	—	6	Positive.
	1942		10 61	55.73	9 1	—	—	—	—	—	—	
Netherton Council	1940-41	1942	65 145	—	59 1	5 5	—	—	—	—	—	Five not treated as they were Schick negative. 1 absent for and 1 left before 2nd dose.
	1942		20 162	66.66	18 2	—	—	—	—	—	—	
Rufford C.E.	1932-41	1942	72 77	—	67 4	36 35	—	—	—	—	1	Positive. 1 had no injections 2 treated previously.
	1942		15 71	73.24	15	—	—	—	—	—	2	
Rufford Methodist	1932-41	1942	52 55	—	49 3	22 20	2	—	—	—	3	treated previously.
	1942		8 43	76.74	8	—	—	—	—	—	—	
Banks St. Stephens	1932-41	1942	75 138	—	69 5	17 4	1	—	—	—	2	Positive.
	1942		4 117	30.76	4	—	—	—	—	—	—	
Banks Methodist	1932-41	1942	62 149	—	49 13	—	—	—	—	—	—	2 treated previously.
	1942		32 158	46.80	27 5	—	—	—	—	—	2	
Scarisbrick Council	1932-41	1942	39 37	—	39 —	5 4	1	—	—	—	—	
	1942		4 39	46.15	4	—	—	—	—	—	—	
Scarisbrick C.E.	1932-41	1942	76 62	—	70 6	19 19	—	—	—	—	2	absent for 2nd injection. 2 absent for 2nd injection.
	1942		13 44	54.54	11 2	—	—	—	—	—	—	
Scarisbrick R.C.	1932-41	1942	118 114	—	114 4	51 50	—	—	—	—	1	Positive. 5 absent for 2nd injection.
	1942		21 124	54.03	16 5	—	—	—	—	—	5	
Sefton Council	1932-41	1942	109 52	—	96 8	40 39	1	—	—	—	2	had no injections. 3 immune by preliminary test. 1 absent for 2nd injection.
	1942		9 40	82.50	9	—	—	—	—	—	1	
Tarleton Mere Brow	1932-41	1942	81 51	—	67 13	30 30	—	—	—	—	1	immune by preliminary test. 3 absent for 2nd dose.
	1942		10 49	65.30	10	—	—	—	—	—	—	
Tarleton C.E.	1932-41	1942	87 102	—	82 5	30 30	—	—	—	—	2	absent for 2nd dose, 2 treated previously.
	1942		32 96	62.50	30 2	—	—	—	—	—	—	
Tarleton Council	1932-41	1942	160 198	—	138 21	60 57	1	—	—	—	1	immune by preliminary test. 2 Positive. 2 treated previously.
	1942		36 218	61.92	36	—	—	—	—	—	—	
TOTALS	1932-41	1942	3344 3458	3098	230 1122 1060	27	—	—	—	—	—	11 immune by preliminary test. 5 had no inj. 35 Positive. 12 absent for 2nd dose. 3 refused 2nd injection. 1 left before completion. 21 absent for 2nd injection, 1 left before and 2 refused 2nd inj. 19 treated previously by us
	1942		653 3439	66.00	622 31	—	—	—	—	—	—	

		Pre-School Children.		Children attending Schools elsewhere.		Scarlet Fever Patients in Hospital immunised against Diphtheria.		Adults.	
1932-41	..	..	..	68	89	4	—	4	—
1942	..	..	..	20	—	3	—	3	—
TOTAL NUMBER OF PERSONS COMPLETELY IMMUNISED AGAINST DIPHTHERIA									
— — — 4,265.									



## DIPHTHERIA.

Number of persons, in age groups, completely immunised, or found to be Schick Negative :—

Age	*										
	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	
Under 1 year	—	—	3	2	3	1	1	2	14	41	Total under 5 years at end of 1942  1061
1 Year	—	4	6	12	18	13	7	10	88	221	
2 „	2	6	3	10	22	21	14	24	101	173	
3 „	8	4	14	11	15	18	10	33	97	137	
4 „	12	13	11	6	38	30	21	24	102	144	
5 „	63	86	43	72	103	75	36	127	189	225	Total 5-9 years at end of 1942.  1888
6 „	78	41	22	60	63	71	32	81	157	124	
7 „	67	41	14	40	46	46	16	57	111	66	
8 „	76	28	21	36	41	40	12	38	68	57	
9 „	80	30	18	15	33	29	16	28	69	50	
10 „	59	27	22	22	17	30	12	35	63	38	Total 10-14 years at end of 1942.  1602
11 „	75	19	22	15	22	18	11	11	45	29	
12 „	58	23	9	19	16	26	5	5	39	31	
13 „	44	28	11	10	5	7	3	13	36	12	
14 „	8	3	3	4	2	1	—	12	—	1	
15 years and over	1	—	1	5	1	2	2	7	2	3	Total over 15 years at end of 1942.  1106
TOTAL	631	353	223	339	445	428	198	507	1181	1352	5657

\* Nov., 1932 to Dec., 1933.

**SCARLET FEVER.**

Scarlet Fever incidence was low in 1942, only 31 cases being notified as against an average of seventy-four for the past five years. All cases were of mild type and it was only necessary to move twelve of the them to hospital. The general policy is to remove to hospital only such cases of Scarlee Fever as are living under overcrowded conditions or in such circumstances that they may become conveyors of infection through inefficient isolation.

The following table shows the incidence and mortality from scarlet fever during the past ten years :—

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Cases .....	35	70	21	79	50	128	103	38	50	12
Deaths .....	1	—	—	1	—	—	—	—	1	—

**MEASLES.**

The sub-joined table indicates the incidence and fatality of this disease during the last ten years.

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Cases .....	27	57	36	67	115	125	37	560	292	251
Deaths .....	—	2	1	—	—	2	—	2	1	—

Measles is now a notifiable infectious disease and this fact accounts for the apparent increase in the number of cases occurring during 1940, 1941 and 1942.

**WHOOPING COUGH.**

These remarks also apply to Whooping Cough. Only 62 cases of whooping cough were notified, however, as against 190 in 1941.

**CANCER.**

Deaths from Cancer, showing parts of the body affected, 1942 :—

Organs affected.	M.	F.	Total
Lung .....	2	1	3
Stomach .....	4	7	11
Ovary .....	—	1	1
Bowel .....	9	8	17
Mouth, etc. ....	1	2	3
Prostrate .....	2	—	2
Breast .....	—	6	6
Pancreas....	—	1	1
Uterus .....	—	3	3
Skin .....	2	—	2
Liver and Gall Bladder .....	4	3	7
Other .....	1	2	3
	25	34	59

## Age Incidence.

Age below	5	20	30	40	50	60	70	80	90	90 up
1941 .....	—	1	3	6	9	23	13	9	—	—
1942 .....	—	—	—	1	2	12	23	13	7	1

## MATERNAL MORTALITY.

No deaths were registered during 1942 as being due to puerperal disease ; there were two deaths from other maternal causes.

## TUBERCULOSIS.

Summary of notifications under the Public Health (Tuberculosis Regulations, 1930, received during 1942 :—

Age Periods.	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Years	M.	F.	M.	F.	M.	F.	M.	F.
0—1 .....	1	—	—	—	—	—	1	—
1—5 .....	—	—	1	2	—	—	1	1
5—10 .....	—	—	2	1	—	—	1	—
10—15 .....	—	1	—	1	—	—	—	—
15—20 .....	—	4	1	—	—	2	—	—
20—25 .....	—	3	—	1	1	—	—	—
25—35 .....	9	3	—	2	2	—	—	—
35—45 .....	8	2	—	—	4	1	—	—
45—55 .....	2	3	—	—	1	2	—	—
55—65 .....	3	3	—	1	1	4	—	—
65 & upwards	—	—	1	1	—	—	—	—
TOTALS	23	19	5	9	9	9	3	1
	42		14		18		4	

## NOTIFICATIONS ON FORM 1. BY MEDICAL OFFICERS OF HOSPITALS.

	Public Assistance Hospital.	Sanatoria and Pulmonary Hospitals.	General Hospitals.
Pulmonary			
Male .....	—	19	—
Female .....	—	10	—
Non-Pulmonary			
Male .....	—	1	—
Female .....	—	2	—



The following table is an analysis of the occupations of the fifty-six new cases of tuberculosis notified during 1942:

Occupation.	Pulmonary.		Non-Pulmonary.	
	Males.	Females.	Males.	Females.
Clerk .....	5	2	—	1
Engineer .....	1	—	—	—
Infant .....	1	—	1	2
Scholar .....	—	1	2	2
Cooper .....	1	—	—	—
Soldier .....	4	—	—	—
Glazier .....	1	—	—	—
Meat Salesman .....	1	—	—	—
Schoolmistress .....	—	1	—	1
Housewife .....	—	8	—	2
Basket maker .....	—	—	—	1
Dock Labourer .....	1	—	—	—
Shop Assistant .....	—	2	—	—
Factory Hand .....	—	—	1	—
Fireman .....	1	—	—	—
Munition Worker .....	—	1	—	—
Nurse .....	—	1	—	—
Airman .....	1	—	—	—
Agricultural Labourer .....	1	—	—	—
Fire Watcher .....	1	—	—	—
Railway Worker .....	—	—	1	—
Occupation Unknown .....	4	3	—	—
	23	19	5	9

In thirty-eight houses inspected during the year by reason of tuberculous inmates, thirteen cases were found not to be sleeping in separate bedrooms, and ten of these not even in separate beds.

### PNEUMONIA.

Forty-one cases of pneumonia were notified during 1942, a decrease of three on the figure for 1941. Deaths from pneumonia numbered 10. There are no facilities locally for the typing of pneumococci and for the provision of appropriate type sera, such work being of necessity performed in one of the large towns adjacent to the District.

### ENCEPHALITIS LETHARGICA (Epidemic Encephalitis).

No new notifications were received during 1942. One death occurred due to the disease.



